

SUGARCANE GROWTH MEASUREMENT DATA
USDA-ARS, SRRC, SUGARCANE RESEARCH UNIT
ARDOYNE FARM, HOUma, LOUISIANA

Growth Measurement No. 9

Growth from 5/24/05 to 5/31/05

Average growth (inches) this week Plant-Cane

LCP 85-384.....	3.35
Ho 95-988	2.65
HoCP 96-540.....	2.60
L 97-128	3.45

Average growth (inches) this week 1st-Stubble

LCP 85-384.....	2.20
Ho 95-988	2.40
HoCP 96-540.....	2.65
L 97-128	3.75

Average height (inches) to date Plant-Cane

LCP 85-384.....	14.30
Ho 95-988	13.35
HoCP 96-540.....	12.50
L 97-128	15.40

Average height (inches) to date 1st-Stubble

LCP 85-384.....	13.10
Ho 95-988	13.40
HoCP 96-540.....	14.95
L 97-128	18.05

Average height in inches

YEAR	HoCP 96-540		LCP 85-384	
	PLANT-CANE	1 ST -STUBBLE	PLANT-CANE	1 ST -STUBBLE
2005	12.5	15.0	14.3	13.1
2004	20.6	19.6	19.4	22.8
2003			13.4	15.3
2002			15.0	16.6
2001			14.6	16.5
2000			21.7	19.8
1999			25.0	27.5
1998			12.2	22.1
1997			16.6	16.6
1996			10.6	12.2

SOIL MOISTURE and CLIMATOLOGICAL DATA*

	<u>6"</u>	<u>12"</u>	<u>18"</u>	<u>Temp</u>
Min	10.5	16.0	16.5	64.2
Max	47.5	39.7	28.3	95.2
Mean	36.8	34.2	25.0	78.5

Rainfall total for week (inches).....3.99"

Rainfall total for year (inches)..... 22.88"

* Temperature, rainfall records, and soil moisture from Ardoyne Farm.
Soil moisture ranges from 0 cbars (saturated) to 200 cbars (dry).